LED SUPERSTAR CLASSIC P advanced

Dimmable LED lamps, classic mini-ball shape, with retrofit screw base

Areas of application

- General illumination
- Domestic applications

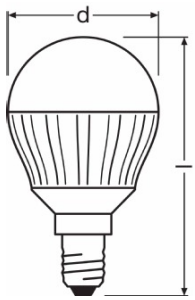
Product benefits

- Lower thermal output (compared with the standard reference product)
- Very low energy consumption
- Shockproof and vibration-proof thanks to LED technology
- Extremely long life
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time
- Simple direct replacement for conventional incandescent lamps

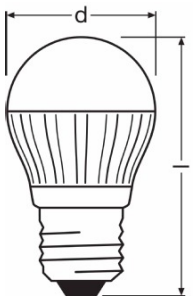
Product features

- Professional LED lamps for line voltage
- Available with E14 or E27 screw base
- Dimmable (with many common dimmers, see also www.osram.com/dim)
- Mercury-free lamps
- Lifetime: up to 25,000 h

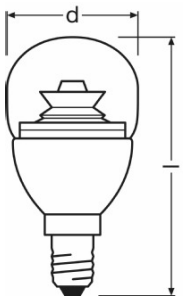
© 2013, OSRAM GmbH. All rights reserved.



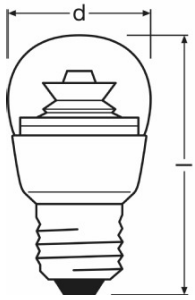
Product line drawing



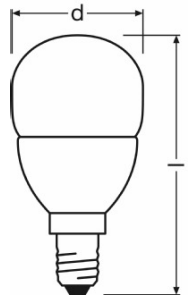
Product line drawing



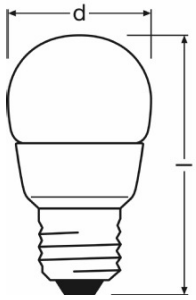
Product line drawing



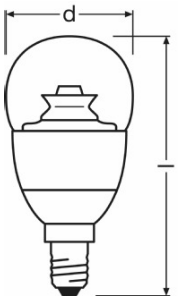
Product line drawing



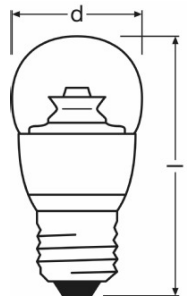
Product line drawing



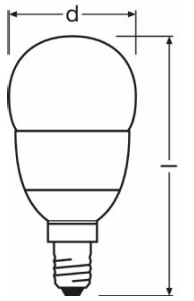
Product line drawing



Product line drawing

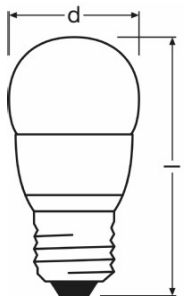


Product line drawing



Product line drawing

© 2013, OSRAM GmbH. All rights reserved.



Product line drawing

© 2013, OSRAM GmbH. All rights reserved.

Technical data

Product description	Base (standard designation)	Nominal wattage	Nominal voltage	Nominal lamp life time	Color temperature	Color rendering index Ra
25 ADV 4.5 W/827 E14 [1)]	E14	4.5 W	220…240 V	25000 h	2700 K	80
25 ADV 4.5 W/827 E27 [1)]	E27	4.5 W	220…240 V	25000 h	2700 K	80
25 ADV 3.8 W/827 E14 CS [1)]	E14	3.8 W	220…240 V	25000 h	2700 K	80
25 ADV 3.8 W/827 E27 CS [1)]	E27	3.8 W	220…240 V	25000 h	2700 K	80
25 ADV 3.8 W/827 E14 FR [1)]	E14	3.8 W	220…240 V	25000 h	2700 K	80
25 ADV 3.8 W/827 E27 FR [1)]	E27	3.8 W	220…240 V	25000 h	2700 K	80
40 ADV 6 W/827 E14 CS [2)]	E14	6 W	220…240 V	20000 h	2700 K	80
40 ADV 6.5 W/827 E27 CS [2)]	E27	6 W	220…240 V	20000 h	2700 K	80
40 ADV 6 W/827 E14 FR [2)]	E14	6 W	220…240 V	20000 h	2700 K	80
40 ADV 6 W/827 E27 FR [2)]	E27	6 W	220…240 V	20000 h	2700 K	80
-	E14	3.8 W	220 V	25000 h	2700 K	80
-	E14	3.8 W	240 V	25000 h	2700 K	80
-	E27	3.8 W	240 V	25000 h	2700 K	80
-	E27	3.8 W	220 V	25000 h	2700 K	80

Product description	Starting time	Warm-up time (60 %)	Number of switching cycles	Lamp mercury content	Power factor λ	Overall length
25 ADV 4.5 W/827 E14 [1)]	1.0 s	0.00 s	200.000	0.0 mg	0.45	78.0 mm
25 ADV 4.5 W/827 E27 [1)]	1.0 s	0.00 s	200.000	0.0 mg	0.45	78.0 mm
25 ADV 3.8 W/827 E14 CS [1)]	< 1.0 s	0.00 s	100000		0.00	82.0 mm

© 2013, OSRAM GmbH. All rights reserved.

Product description	Starting time	Warm-up time (60 %)	Number of switching cycles	Lamp mercury content	Power factor λ	Overall length
25 ADV 3.8 W/827 E27 CS [1)]	< 1.0 s	0.00 s	100000		0.00	79.0 mm
25 ADV 3.8 W/827 E14 FR [1)]	< 1.0 s	0.00 s	100000		0.40	82.0 mm
25 ADV 3.8 W/827 E27 FR [1)]	< 1.0 s	0.00 s	100000		0.00	79.0 mm
40 ADV 6 W/827 E14 CS [2)]	< 0.5 s	0.00 s	100000		0.55	89.0 mm
40 ADV 6.5 W/827 E27 CS [2)]	< 0.5 s	0.00 s	100000		0.55	89.0 mm
40 ADV 6 W/827 E14 FR [2)]	< 0.5 s	0.00 s	100000		0.55	89.0 mm
40 ADV 6 W/827 E27 FR [2)]	< 0.5 s	0.00 s	100000		0.55	89.0 mm
-	< 1.0 s	0.00 s	100000		0.00	82.0 mm
-	< 1.0 s	0.00 s	100000		0.40	82.0 mm
-	< 1.0 s	0.00 s	100000		0.00	79.0 mm
-	< 1.0 s	0.00 s	100000		0.00	79.0 mm

Product description	Diameter	Dimmable	ILCOS	Lumen main.fact.at end of nom.life time	Mercury-free	Light color as per EN 12464-1
25 ADV 4.5 W/827 E14 [1)]	45.0 mm	Yes [3)]	DRBP/F-4,5-220-240-E14-45	0.70	Yes	Warm White
25 ADV 4.5 W/827 E27 [1)]	45.0 mm	Yes [3)]	DRBP/F-4,5-220-240-E27-45	0.70	Yes	Warm White
25 ADV 3.8 W/827 E14 CS [1)]	45.0 mm	Yes [3)]	DRBP/C-3,8-220-240-E14-42,8/82	0.70	Yes	Warm White
25 ADV 3.8 W/827 E27 CS [1)]	45.0 mm	Yes [3)]	DRBP/C-3,8-220-240-E27-42,8/79	0.70	Yes	Warm White
25 ADV 3.8 W/827 E14 FR [1)]	45.0 mm	Yes [3)]	DRBP/F-3,8-220-240-E14-42,8/82	0.70	Yes	Warm White

© 2013, OSRAM GmbH. All rights reserved.

Product description	Diameter	Dimmable	ILCOS	Lumen main.fact.at end of nom.life time	Mercury-free	Light color as per EN 12464-1
25 ADV 3.8 W/827 E27 FR [1)]	45.0 mm	Yes [3)]	DRBP/F-3,8-220-240-E14-42,8/79	0.70	Yes	Warm White
40 ADV 6 W/827 E14 CS [2)]	43.0 mm	Yes [3)]	DRBP/C-6,2-220-240-E14-43/89	0.70	Yes	Warm White
40 ADV 6.5 W/827 E27 CS [2)]	43.0 mm	Yes [3)]	DRBP/C-6,2-220-240-E27-43/89	0.70	Yes	Warm White
40 ADV 6 W/827 E14 FR [2)]	45.0 mm	Yes [3)]	DRBP/F-6,2-220-240-E14-43/89	0.70	Yes	Warm White
40 ADV 6 W/827 E27 FR [2)]	45.0 mm	Yes [3)]	DRBP/F-6,2-220-240-E27-43/89	0.70	Yes	Warm White
-	45.0 mm	Yes		0.70	Yes	Warm White
-	45.0 mm	Yes		0.70	Yes	Warm White
-	45.0 mm	Yes		0.70	Yes	Warm White
-	45.0 mm	Yes		0.70	Yes	Warm White

Product description	Energy efficiency class	New article
25 ADV 4.5 W/827 E14 [1)]		
25 ADV 4.5 W/827 E27 [1)]		
25 ADV 3.8 W/827 E14 CS [1)]	A+	NEW
25 ADV 3.8 W/827 E27 CS [1)]	A+	NEW
25 ADV 3.8 W/827 E14 FR [1)]	A+	NEW
25 ADV 3.8 W/827 E27 FR [1)]	A+	NEW
40 ADV 6 W/827 E14 CS [2)]	A+	NEW

© 2013, OSRAM GmbH. All rights reserved.

Product description	Energy efficiency class	New article
40 ADV 6.5 W/827 E27 CS [2]	A+	NEW
40 ADV 6 W/827 E14 FR [2]	A+	NEW
40 ADV 6 W/827 E27 FR [2]	A+	NEW
-	A+	
-	A+	
-	A+	
-	A+	

[1] All technical parameters apply to the entire lamp/Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value

[2] All technical parameters apply to the entire lamp/Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value/In preparation

[3] With many common dimmers

© 2013, OSRAM GmbH. All rights reserved.

Application advice

For more detailed application information and graphics please see product datasheet.

References / Links

For further products and actual information concerning LED lamps see
- www.osram.com/ledlamps

For Guarantee see
- www.osram.com/guarantee

For dimming conformity see
- www.osram.com/DIM

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.

© 2013, OSRAM GmbH. All rights reserved.